



## United States Patent and Trademark Office



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS F.O. Box 1450 Alexandria, Virginia 22313-1450 www.capto.gov

| APPLICATION NO. FILING DATE |            | FIRST NAMED INVENTOR  | ATTORNEY DOCKET NO. | CONFIRMATION NO. |  |  |  |
|-----------------------------|------------|-----------------------|---------------------|------------------|--|--|--|
| 09/508,923                  | 06/19/200  | NORMAN BRYSON ROBERTS | PM266300            | 3694             |  |  |  |
| 909                         | 7590 08.   | 5/2003                |                     |                  |  |  |  |
|                             | Y WINTHROP | EXAN                  | EXAMINER            |                  |  |  |  |
| P.O. BOX 10<br>MCLEAN, V    |            |                       | VANOY, T            | VANOY, TIMOTHY C |  |  |  |
|                             |            |                       | ART UNIT            | PAPER NUMBER     |  |  |  |
|                             |            |                       | 1754                | •                |  |  |  |

DATE MAILED: 08/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



## UNITED STATES U.S. Patent and Trauemark Office

Address: COMMISSIONER FOR PATENTS P.O. Box 1450

Alexandria, Virginia 22313-1450

| APPLICATION NO./<br>CONTROL NO. | FILING DATE | FIRST NAMED INVENTOR / PATENT IN REEXAMINATION |          | ATTORNEY DOCKET NO. |  |  |
|---------------------------------|-------------|--|----------|---------------------|--|--|
|                                 |             |  |          | EXAMINER            |  |  |
|                                 |             |  |          | LAMMEN              |  |  |
|                                 |             |  | ART UNIT | PAPER               |  |  |
|                                 |             |  |          | 22                  |  |  |

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

**Commissioner for Patents** 

Response to Information Disclosure Statement:

The information disclosure statement date-stamped June 30, 2003 (paper no. 21) is submitted after the Apr. 30, 2003 mail date of the notice of allowance (paper no. 18), but before the July 3, 2003 payment date of the issue fee. Therefore, this information disclosure statement must include: (a) the statement specified in 37 CFR 1.97(e), and also (b) the fee set forth in 37 CFR 1.17(p): please see 37 CFR 1.97(d) in section 609 in the MPEP. Since the information disclosure statement date-stamped June 30, 2003 does not have the statement specified in 37 CFR 1.97(e), this information disclosure statement has been placed in the file but the references referred to therein have not been considered on the merits.

Any inquiry concerning this communication should be mailed to Timothy Vanoy at phone number 703.308.2540.

Timothy Vanoy/tv Aug. 25, 2003

Timothy Vanoy Patent Examiner Art Unit 1754

enc.: copy of "lined-through" PTO-1449

| (PW FORM           | partme<br>PAT-1 | ent of Commerc     | e C         |          | E 30 20                           | Coo Julian        |              | Atty.<br>Dkt. No. | M#                |         |  | Clie               | nt Ref.        |  |     |  |
|--------------------|-----------------|--------------------|-------------|----------|-----------------------------------|-------------------|--------------|-------------------|-------------------|---------|--|--------------------|----------------|--|-----|--|
|                    |                 |                    | '           | \ A.     | _                                 | Ch. S.            |              |                   | 0266300           |         | -  | МР                 | 1002           | 53-US  |     |  |
| INFORMA<br>BY APPL |                 | I DISCLOSU         | RE ST       | ATEN     | MT & TP                           | <u>i</u>          |              | Applicant         | :: Roberts et al. |         |  |                    |                |  | - · |  |
| BT APPL            | ICAN            | ı                  |             |          |                                   |                   |              | Application       | on Serial No. 09/ | 508     | .923   |                    |                |  |     |  |
|                    |                 |                    |             |          |                                   |                   |              | <del> </del>      | te: June 19, 200  |         | ,  |                    |                | -  |     |  |
| Date: June         | 30 20           | 003                | Page        | 1        | of                                | 1                 | 7            |                   | r: Timothy Vano   | -       | Grou   | p Art              | Unit:          | 1754   |     |  |
|                    |                 | CUMENTS            | <del></del> | <u> </u> |                                   | <del></del>       |              |                   |                   |         | ,  | •                  |                |  |     |  |
| Examiner's         |                 | Document           |             | Date     | ··                                | Name              |              |                   |                   | To      | lass   | Sul                |                | Filing   |     |  |
| Initials*          | '               | Number             | _           | MM/Y     | <b>YYY</b>                        |                   | Name         | of First Inv      | ventor)           |         |  | Cla                |                | Date<br>(if appr                                 |     |  |
|                    | AR-             | 3,743,098          |             | Jul 16   | 73                                | Martinez          | et al.       |                   | P                 |         | _  |                    |                | _  |     |  |
|                    | BR              |                    |             |          |                                   |                   |              |                   |                   | 9       | <u>;E</u>                                    |                    | <u>'</u>       |  |     |  |
|                    | CR              |                    |             |          |                                   |                   |              |                   | JI                | u       | <u>,                                    </u> | 15                 | <u>U</u> _     | <u>   </u>                                       |     |  |
|                    | DR              |                    |             |          |                                   |                   |              |                   |                   | 1       | <u> </u>                                     | 2003               |                | <u> </u>   |     |  |
|                    | ER              |                    |             |          |                                   |                   |              |                   |                   |         | 1>/  |                    |                |  |     |  |
|                    | FR              |                    |             |          |                                   |                   |              | <u></u> .         |                   | [       | , , (  | 10                 |                |  |     |  |
| _                  | GR              |                    |             |          |                                   |                   |              |                   | <u> </u>          |         |  |                    |                | ļ  |     |  |
|                    | HR              |                    |             |          |                                   |                   |              |                   |                   | $\perp$ |  |                    |                |  |     |  |
|                    | IR              |                    |             |          |                                   |                   |              |                   |                   |         |  |                    |                |  |     |  |
|                    | JR              |                    |             |          |                                   | ļ <u>.</u> .      |              |                   | <u> </u>          | $\perp$ |  |                    |                | 1  |     |  |
|                    | KR              |                    |             |          |                                   |                   |              |                   |                   | 4       |  | _                  |                | <u> </u>   |     |  |
|                    | LR              |                    |             |          |                                   |                   |              |                   | •                 | $\perp$ |  | _                  |                |  |     |  |
|                    | MR              |                    |             | <u> </u> |                                   |                   |              |                   |                   |         |  |                    |                |  |     |  |
|                    | NR              |                    |             |          |                                   |                   |              |                   |                   |         |  |                    |                |  |     |  |
| FOREIGN            | PATE            | NT DOCUME          | NTS         |          |                                   | 1                 |              |                   |                   |         |  | English<br>Abstrac |                | Transl   |     |  |
|                    |                 | Document<br>Number | ent Date    |          | · · · · · · · · · · · · · · · · · |                   | Inve         | entor Name        |                   |         | Abstract                                     |                    |                | Readily<br>Available                             |     |  |
|                    |                 |                    |             |          |                                   |                   |              |                   |                   |         | [i   | Enclose            | d No           | Enclos   |     |  |
|                    | OR ·            | 201880             | Jan 1       | 991      | Hung                              | jary              | -            |                   |                   |         |  | Х                  |                |  | X   |  |
|                    | PR -            | 173556             |             |          | Hung                              | <del>jary –</del> | 4            |                   |                   |         |  |                    | X              | <u> </u>   | X   |  |
|                    | QR              | ,                  |             |          | <u> </u>                          |                   |              |                   |                   |         | <u> </u>                                     |                    | _              |  | 4   |  |
|                    | RR              |                    |             |          | <u> </u>                          |                   |              |                   |                   |         |  |                    |                | +  |     |  |
|                    | SR              |                    |             |          | ļ                                 |                   |              |                   |                   | •.•     | $\dashv$                                     |                    | _              | -  | +   |  |
|                    | TR              |                    |             |          | <u> </u>                          |                   | -            |                   |                   |         | $\dashv$                                     |                    | +              | <b>_</b>   | +   |  |
|                    | UR              | <u> </u>           |             |          | <u> </u>                          |                   | _            |                   |                   | •       | $\dashv$                                     |                    |                |  | +   |  |
|                    | VR              | ·                  |             |          | ļ                                 |                   | <b>-</b>     |                   |                   |         |  |                    |                |  |     |  |
|                    | WR              |                    |             |          | ļ                                 |                   | <del> </del> |                   |                   |         |  |                    |                | -  | +   |  |
|                    | XR              | <u> </u>           |             |          | <u> </u>                          | -,                |              |                   |                   |         |  |                    | <del>-  </del> | <del>                                     </del> | _   |  |
| OTHER (I           | ncludir         | ng in this order   | Author      | Title,   | Perio                             | dical Nam         | ne, Da       | te, Pertine       | nt Pages, etc.)   |         |  |                    |                |  |     |  |
|                    | YR              | <u> </u>           |             |          |                                   |                   |              |                   |                   |         |  | ······             |                |  | 4-  |  |
|                    | ZR              |                    |             |          |                                   |                   |              |                   |                   |         |  |                    |                | <del> </del>                                     | +   |  |
|                    | AAF             | <del></del>        |             |          |                                   |                   |              |                   |                   |         |  |                    | +              |  | -   |  |
|                    | BBF             | <del></del>        | <u></u>     |          |                                   |                   |              |                   |                   |         | $\dashv$                                     |                    | +              |  | +-  |  |
|                    | CCF             | <del></del>        |             |          |                                   |                   |              |                   |                   |         | $\dashv$                                     |                    |                | +  | +   |  |
|                    | DDF             | ₹                  |             |          |                                   |                   | <del></del>  | <del></del>       | 라                 |         |  | <del></del>        |                |  |     |  |
| Examiner           | •               |                    |             |          |                                   |                   | •            | Date Cor          | nsiðered:         |         |  |                    |                |  |     |  |

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.